

A method and apparatus is provided for improving at least one gain bandwidth path. At least one signal being transmitted is monitored. A gain/bandwidth control process is performed upon the monitoring of the signal. The apparatus taught by the present invention comprises: a first circuit portion capable of driving a signal onto a subscriber line; and a second circuit portion electrically coupled with the first circuit portion, wherein the second circuit portion is capable of separating a plurality of signal paths based upon at least one characteristic of the signal path for applying an appropriate gain factor upon the signal path.